

TECHTONIANS WILL PLAY FOR SENIOR DANCE ON FRIDAY

Members of Graduating Class
Will Make Merry in
Rogers

AFFAIR FREE AND FORMAL

Friday Noon Is Last Chance
Left for Seniors to Get
Tickets

Technology's annual Senior dance will make the halls of old Rogers Building resound with the syncopated rhythm coming from the Techtonians' seven-piece orchestra on Friday evening. Two rooms, one of which will be the Exhibition Room will be opened to the dancers. The party will be formal.

No charge is being made for the evening's enjoyment, but the attendance is strictly limited to members of the graduating class. To prevent others "crashing" the party, the men are asked to sign their names on the tickets.

Only one chance remains to obtain tickets to the affair, that being in the Main Lobby on Friday from 1 until 2 o'clock. So far they have been going fast, but there are still some available for those who wish to attend.

According to the custom at this dance, the officers of the Junior Class will be the ushers. This year, refreshments will be obtainable downstairs where tickets will be sold for them. This will be the only charge made at the dance.

At the request of the authorities, there will be no smoking permitted at the dance except in the Commons Room.

OVER 1000 STUDENTS TAKE MILITARY WORK

Freshmen Have Largest Number Enrolled in Department

Figures recently given out by the Department of Military Science indicate that there are 1227 undergraduates at Technology taking work with that department. The freshman military training group claims the largest number of students, 498 being enrolled for this fundamental course. The Sophomore group is a close second, with 433 second-year men enrolled.

The advanced courses have a total enrollment of 296 Juniors and Seniors, the Coast Artillery corps taking 71 of these men. The Air Corps is second in popularity with an enrollment of 68, while the Engineers, Ordnance, Chemical Warfare and Signal Corps claim a number of men decreasing in that order.

Radio Party Reported To Be Headed Home

Freed from further menace of unexpected floods, New England today has put its entire relief force to work creating order from the chaos and imminent dangers stalking the towns of Vermont after a major disaster.

James K. Clapp, an Associated Press correspondent, and several assistants, traveling in two radio-equipped cars, drove far into the flooded lands of that State, and for the past three days and nights have served as the sole means of communication to the outside world from the desolate regions of Ludlow.

With respect to the scooping of news, the Technology radio experts have aided the Associated Press by beating every other news service by an advantage of several hours to a day in the transmission of the latest happenings in the Ludlow district. Latest reports state that the two parties, one car having been stationed at Brattleboro to relay the messages, have left the flood regions last night and should be at the Institute today or tomorrow at the latest. Further reports will be announced.

Glimpses of How Freshman-Sophomore Glove Fight Looked to the Bystanders



CLUBS GIVE FIRST CONCERT OF YEAR

Present Four Acts in Showing
At Franklin Square
House

The Combined Musical Clubs gave the first of a series of concerts last night to an appreciative audience at the Franklin Square House. The Banjo Club under the leadership of Albert E. Beitzell '28, opened the program with some popular music. This was followed by selections by the Glee Club and Instrumental Club.

Last year the Glee Club won second place in the intercollegiate contest. This year their improvement gives promise of a very successful season. Robert S. Harris '28, is their leader.

A new specialty act, a piano duet by E. J. Marnock '29, and G. Q. Voigt '29, made its debut last night and was received with enthusiasm. The Glee Club quartet with Stathakis, Morley, Thas, and Muckenhoupt gave a miscellaneous selection of songs.

After the concert was over, the Techtonians under the leadership of Floyd Hall played music for dancing which lasted till 12 o'clock. As usual, during the dancing, Technology men had the privilege of "cutting in."

QUADRANGLE CLUB TO HOLD FIRST SUPPER

Freshman Section Leaders Will
Be Guests of Society

All the section leaders of the freshman class are asked to attend a dinner given by the Quadrangle Club which will take place in the North Hall of Walker Memorial, tonight at 6:15 o'clock. This will be the first time that the freshmen and Sophomores have met officially on friendly terms this year. A charge of 75 cents will be made to cover expenses.

Orville B. Denison '11, and Professor Archer T. Robinson of the Department of English will be the speakers at the meeting, and will discuss the organization of the freshman class with regard to its future activities during the school year. Freshman Rules will also come up before the meeting and it is hoped that the yearlings will give their ideas on how efficient they have proved while in force this fall.

The Quadrangle Club was started last year and is composed of men interested in the organization of the two lower classes. It was active last year in helping to formulate the freshman Rules and has been one of the centers of their support this fall. Later on in the year new members will be elected, these will be chosen from the men in the freshman class who are taking the greatest interest in activities.

MEETING CALLED OF COMMITTEE ON RULES

Members of the Freshman Rules Committee will meet in the Institute Committee Room today at 5 o'clock to bring up the matter of more stringent enforcement of the regulations. Other grades of ties for the yearlings which might prove more satisfactory will be investigated.



ADVANCE FRESHMAN NOMINATIONS DATE

Nomination blanks of freshman who are running for class offices must be turned in at the Box provided for them in the Information Office by this Saturday noon instead of by Monday as previously announced. The change is being effected to give the Elections Committee more time to arrange the elections.

These blanks should contain the names of 10 sponsors of the nomination, and must be submitted in the following form:

We, the undersigned members of the class of..... do hereby nominate..... for..... of our class.

(Sponsors' signatures)
I hereby accept the nomination.
(Signature of nominee)

Election of those men who are nominated will be held in the Main Lobby on Wednesday, November 16. Booths will be provided for the voters and will be open from 9 o'clock until 5. A list of those who have been nominated will appear in Monday's issue of THE TECH.

Brr—Zip—Kaflop— Two Students Rise

At least two Technology student lovers of morning sleep have solved the getting-up problem. Unaffected by the mere racket of an alarm clock, they developed a scheme whereby the rousing effects of the alarm are supplemented by the automatic successive rising of three window shades, the noise and the light admitted being guaranteed to wake the most hardened sleeper.

It works as follows: Shade No. 1 is held down by a wire loop which goes over a pin in the edge of the window sill, the shade being adjusted so it will fly up when the loop is pulled off the pin. A string around the alarm winder releases the first shade when the clock goes off. A string connects the first shade with a similar trigger on the second, so when shade No. 1 is well on the way No. 2 lets go. The second shade is similarly connected to the third. So now, if the noises of the patent gentle awakener fail to take effect, the merry rays of Bostonian sunshine never fail to get these men up in time for the earliest of 9 o'clock classes.

TECH SHOW ANNOUNCES CAST FOR 1928--SAMUEL H. EVANS PICKED TO PLAY MALE LEAD

PRESIDENT STRATTON RECEIVES FRESHMEN

Will Hold Another Reception
Tomorrow Afternoon

President Samuel W. Stratton received a portion of the Class of 1931 at tea yesterday afternoon as the first of his annual freshman receptions. The balance of the class will be received tomorrow at 5 o'clock at the President's house.

Professor Harry M. Goodwin '90, Dean of graduate students, and his wife aided the President in the reception. Lieutenant Albert F. Hegenberger '17 was a guest of the occasion.

HAVE DIFFICULTY IN FILLING OTHER LEADING POSITION

Announce Remaining Parts In
Cast, Including Two
Female Leads

TITLE IS "HALF A MAN"

Samuel H. Evans will again play the male lead of Tech Show, it was announced last night, taking the part of "Bobbie." Evans, who is a graduate student in Physics, played the part of "Buck" last year, when his superior singing voice played a big part in his selection. He had sung on the Williams Glee Club for three years before coming to the Institute, and he has been prominent in theatricals both in college and out. He is a resident of New York City.

Trouble is still being encountered in filling the character of Dickie Ford, the other male lead, the show announces. This is the part of a student at Technology who has a slight misunderstanding with the enforcers of the Eighteenth Amendment, tending to prevent him from attending a party which a lovely maiden draws him to. He solves his difficulties by dressing as a woman, and everyone has a gorgeous time.

Selection for the remaining parts were also announced last night. Chief Detective Frye, a "know it all," will be played by Willard F. McCornack '28; as the latter's assistant detectives, the "silent partners," Benjamin Hastings '29, Louis J. O'Malley '28 and Norman F. O'Shea '30 will cavort around the stage.

Victor J. Martin '30 will have the part of the flapper Aunt Josephine, Cyril R. B. Harding '29 will play the part of the "sissy," Ronnie Ames, and the two female leads, Dorothy and Ginnie Nichols, will be taken by Rand B. Jones '28 and Joseph Goodwin '30, respectively.

Change Name of Show
"Half a Man" is announced as the new name of the 1928 show by the management. It was originally called "Plenty Fancy," but it was thought that the new title would be more effective. The entire action of the play takes place at the country house of a Mrs. Booth on Long Island during a house party. A. Parker Morell '29 is the author of the book.

Very swift progress is being made upon this year's production, and already part of the music and some of the lyrics have been written. It is believed that present accomplishments are several weeks ahead of the schedule of previous years.

M. I. T. SENDS THREE TO OHIO CONVENTION

Three representatives from Technology journey to Columbus, Ohio, today to attend the biennial convention of Pi Delta Epsilon, the National Honorary Journalistic Fraternity, which will be held on Thursday, Friday and Saturday. Among these is Assistant Dean Harold E. Lobdell '17, who is Grand Secretary of the organization.

The other men who will represent the Institute chapter are Edward D. True '28, former general manager of the Tech Engineering News, and Paul E. Ruch '28, general manager of THE TECH.

CALENDAR

Wednesday, November 9

3:00—Chemical Society trip to Lever Bros. Meet in Main Lobby.
5:00—Hockey Mass Meeting in Room 1-190.
8:00—Regular Meeting of Mathematics Club in Room 4-231.
6:15—Quadrangle Club Dinner in North Hall, Walker.

Thursday, November 10

1:00—C. M. Hamilton lecture on "The American Theatre of Today," Room 4-270.
5:00—Institute Committee Meeting, North Hall.

Friday, November 11

9:00—Senior Dance at Rogers.
Saturday, November 12
2:30—Interclass track meet.

CHEMICAL SOCIETY VISITS SOAP WORKS

This season's activity of the student chemical club at Technology will be opened today with a visit to the plant of the Lever Brothers' Soap Company in Cambridge. All those who are desirous of taking this trip will meet in the Main Lobby at 3 o'clock this afternoon and go to the plant in a body.

Only members of the society will be admitted to the factory, but the opportunity will be given to any who wish to join the society to sign up and go on the trip. As the soap industry is one of the oldest chemical industries, and involves a number of processes, this trip should prove both instructive and interesting.

A Record of
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Organ of the
Undergraduates
of M. I. T.

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IS A TECHNICAL TRAINING A WASTE OF TIME?

ONE OF the greatest fallacies that the average layman cherishes is the idea that when a man graduates from an engineering college, he is utterly unprepared for any other walk of life than his studied profession; and that if a man should by chance succeed in some other sort of business after those four wasted years of technical study, it would be only because of previous, inherent ability.

Time and again the statement has been made here at Technology that one attends the Institute not to accumulate knowledge, but in order to learn how to learn after he has gone out into the world. The mind is trained to see and comprehend a problem clearly, to follow through a certain line of thought completely and systematically, and finally to reach a logical conclusion. It is difficult to conceive a business or profession in which this ability is not the major requisite.

In a recent talk with Professor Breed, of the Civil Engineering Department, we were told that the training received at the Institute is an excellent preparation for practically any life work a student might care to follow. This idea has often been borne out through the success of hundreds of Technology graduates in nearly every field of endeavor, but there has come to our attention an instance which seems particularly applicable. In this case a Technology graduate was called upon to bear the brunt of the responsibility in an entirely new experiment, the success of which has influenced the government of cities throughout the United States.

Henry M. Waite graduated from Technology as a civil engineer with the Class of 1890. For twenty years he filled capably positions ranging from railway superintendent to city engineer of Cincinnati. Then when the city of Dayton, Ohio, became the first one of any size to adopt the new City Manager form of government, Waite was chosen to fill the position—an engineer, who had received only an engineer's training, selected to develop an untried profession as far from his own as one can imagine.

His immediate success is but added proof that technical training equips one not to conquer the world the very first year as a finished engineer, but to leave school with the mental capacity to cope with whatever type of problem life may have to offer.

BROWSING FOR AN EDUCATION

OFTEN to a college student the word "book" means merely textbook which in turn signifies work. For that reason especially in the scientific schools students seldom think of the so-called browsing in a bookshop as a pleasant pastime which is at the same time considerable aid to a liberal education.

At Chapel Hill, North Carolina, a professor of English has established a bookshop in his office. His motive was not that of making a profit as he was willing to operate at a loss. But his aim was to provide a place where students could go to look over all varieties of books and, when they so desired, to purchase. According to Professor Jones' own statement "I believe that the reading of good books induces the buying of books, and that the owning of books is part of one's general education." So far his plan has had excellent success.

Bookshops have to be quite close to the school in order for the students to drop in during their spare time as but few students will travel much of a distance just to look around in one unless they have some definite book they wish to buy. Libraries are excellent enough in their way but their books are usually stored away in the stacks and are only to be discovered by a frantic search through a cold and impersonal card catalogue. Just a superficial glancing through of a book, reading passages here and there, tells one much more about it than the short summary on a catalogue card. A bookshop which is not operated on modern high power salesmanship principles but in which one can look over the books at one's leisure without being almost forced to buy something is the ideal place to become acquainted with good books particularly the modern ones.

The Managing Board of THE TECH, Volume XLVII, takes pleasure in announcing the election of Hunter Rouse '29 as Features Editor.

THE OPEN FORUM

HARKEN, T. E. N! SUICIDE AWAITS YOU

What boorish effrontery is this, that a pismire dare defy a feline? Whence cometh the inordinate conceit and churlish disregard of suicidal consequences, that leads an Engineering News to violate its parsimonious bounds and trespass on the field of conquest? Nincompoops, do ye not realize that through thy vociferous prattling ye have exposed thy debilitated lot to a relentless fustigation? So be it, then. Esteem thyself unduly honored, that we have the munificence to even deal with thy gregarine herd, although it be but to mete ye out a thrashing. Thy ignominious finish can now be prognosticated with mathematical certainty. Hence be it known to all the school that, pending managerial arrangement, and poltroon procrastination by our pitiable challengers, we shall meet in hibernal skirmish. What is more, we sagaciously announce that we shall meet each petulant attack with an unbridled lawline of fury. Thus shall buffoon blustering be garbled.

(Seal affixed) VOO DOO.

As We Like It

ST. JAMES

"THE ENEMY"

War is hell, and our red enemy is not the opposing country, but Hate, thinks Channing Pollock; he sets out to prove it in four emotional acts in "The Enemy," which is being presented this week at the St. James.

Vienna is the scene of the drama, the time extending from 1914 to 1919. The scope of the piece, however, is not limited to the World War, and its appeal is universal. We see Hate as the cause of the Great War, and Hate going right through it and continuing after peace. Mr. Pollock has given us something to think about.

Walter Gilbert as Carl Behrend, a playwright, does some of his best acting. The difficult role of Pauline Arndt, his sweetheart, is taken with some degree of success by Edith Speare, who previously has been content with second leads. Although afflicted for at least the first act with a gushing delivery which was rather annoying, she either conquered it or one became used to it from then on, and it no longer bothered.

Charles Schofield once more delighted in his portrayal of Dr. Arndt, pacifist professor at the university, and Frank Charlton as August Behrend gave so convincing a portrait of the militaristic war profiteer that only hissing from the gallery was missing. The entire cast, in fact, is equally to be commended upon the absorbing performance.

To this reviewer, at least, the chief fault lies in the sermons which Mr. Pollock has inserted here and there in the characters' mouths. However, the net result is an interesting evening. "The Gorilla" will be produced next week.

W. J. D.

AS WE SEE THE MOVIES

STATE

In "Seventh Heaven," the feature picture at the State Theatre this week, we see another of the quite popular dramas of the stage adapted to the movies. In this the producers have had somewhat more than the usual success. They have preserved most of the sentiment and drama of the original play. The story is a rather beautiful and touching one—and clever direction has made the picture just as good.

Janet Gaynor, who plays the part of Diane, a little French girl, is particularly beautiful and her sensitive interpretation of the role is something that is not usually found on the screen these days. Charles Farrell, who has not been in pictures so very long, gives just as good a performance as Miss Gaynor. As Chico, Farrell has the chance to cut loose with a great deal of emotional acting, and while he makes the most of his opportunities, he does it in such a way as to be entirely pleasing and convincing.

Perhaps our one unfavorable criticism is that the picture is just a bit too long. It has been playing, previously as a big, feature show and evidently has not been cut down to the normal time limit. Be that as it may, we are sure that its unusual length will not prove boring and heartily recommend that you see it.

—THE TECH BOOK LIST—

IN A YUN-NAN COURTYARD

IN A YUN-NAN COURTYARD, by Louise Jordan Miln. New York: Frederick A. Stokes Company. \$2.

"A man in Vienna was fondling his fiddle; a girl in Poughkeepsie was gathering violets; an old missionary in a far part of China—the only white man for many an inaccessible mile—sat in his sunny courtyard reading a time yellowed silk of Chang Ts'ai P'in's. A bandit in Sze-ch'uen was sharpening his knife. None of them could have believed how soon their lives were to tangle. Unless, perhaps, the old missionary might, for he was old; life and thirty odd years in China had taught him much; and he knew that on earth anything may happen, especially in China."

In this intriguing manner, Mrs. Miln introduces her latest novel of China. As the plot is developed we become more and more convinced that the authoress is indeed a mistress in the art of story-telling. There is something about her story that holds one's interest to the very end. It was so in "Mr. Wu," in "Ruben and Ivy Sen," in "It Happened in Peking," and especially is it so in "In a Yun-Nan Courtyard."

In this novel of modern times in the far off Province of Yun-Nan, all the local color for which the authoress is famous is applied with the marvelous touch which makes her characters so real, her situations so genuine. The old problem of the East and the West is developed in a thoroughly just way. Mrs. Miln has no axe to grind, no propaganda to distribute, but just a story to tell in a thoroughly artistic way. The power of her descriptions is unique—it is positively thrilling. If the descriptions are interesting, the characters are even more so. So Wing, the adventurer, the brigand, the lover, totally and completely in love with Q'uo Ssu, a veritable bud of the Orient; Brent Gayford and Helen Rathborn; Kwan;—the lives of all strangely running together, as the first, So Wing, plays the hand of Destiny for all. The sheer possibilities of such a situation are legion; the outcome, a double romance of untold beauty.

F. M.

NAVIGATOR

NAVIGATOR, by Alfred Stanford. New York: William Morrow & Company. \$2.00.

Again we read a biography written in that modern style of E. Barringer.

ton's; it is the "Navigator," by Alfred Stanford. This work which describes the life of a man is so highly fictionalized that one again ponders whether it be a novel or truly a biography. It deals with the life of Nathaniel Bowditch. However, on the sly the other gives us a very accurate and interesting picture of the life in old Salem, when it was Boston's greatest trading rival; also the problems of the American traders just after the War of Revolution.

The life of Nathaniel Bowditch is so full of material for a romance, that it is probably simpler and better for the author as well as the readers that the "Navigator" was written as a fictionalized biography. Bowditch was born in 1773 of a rather shiftless father and a consumptive mother. The family had a hard time of it in Salem, for they soon had seven children and a parent that could not face the responsibilities of life. A secondary weakness of Nat's father was the Colonial favorite, Medford Rum. In his early boyhood days Nat was a helper to his father who was a cooper, but as he became older he found work at Ropes and Hodges, a shippers' supply store. Already at this time he was highly interested in mathematics and his new employer saw more than a clerk in Nat. He helped him accordingly.

To Nat, although books were hard to find they were available and soon he was able to cover all the mathematics that were thus far developed. Bowditch was a boy who thought figures and spoke figures; he even at one time said that it was his religion. Because Salem was a town that thought as sailors, captains, and shippers it was most natural for Bowditch to apply his "figuring" to navigation. He found that a table used by the navigators and compiled by Moore had many serious errors in it; in fact, he counted them as his revision was completed and he found that there were some 8000 mistakes in mere calculations. Bowditch wrote a new book called the "American Practical Navigator," which is still used today on board every ship. It is more than the Bible to the navigator. As one can expect, the young mathematician had a hard time convincing the stern Salem shippers of the practicability of his tables; however, they were soon satisfied when by the use of the new tables ships were coming in weeks ahead of their scheduled arrival.

E. L. W.

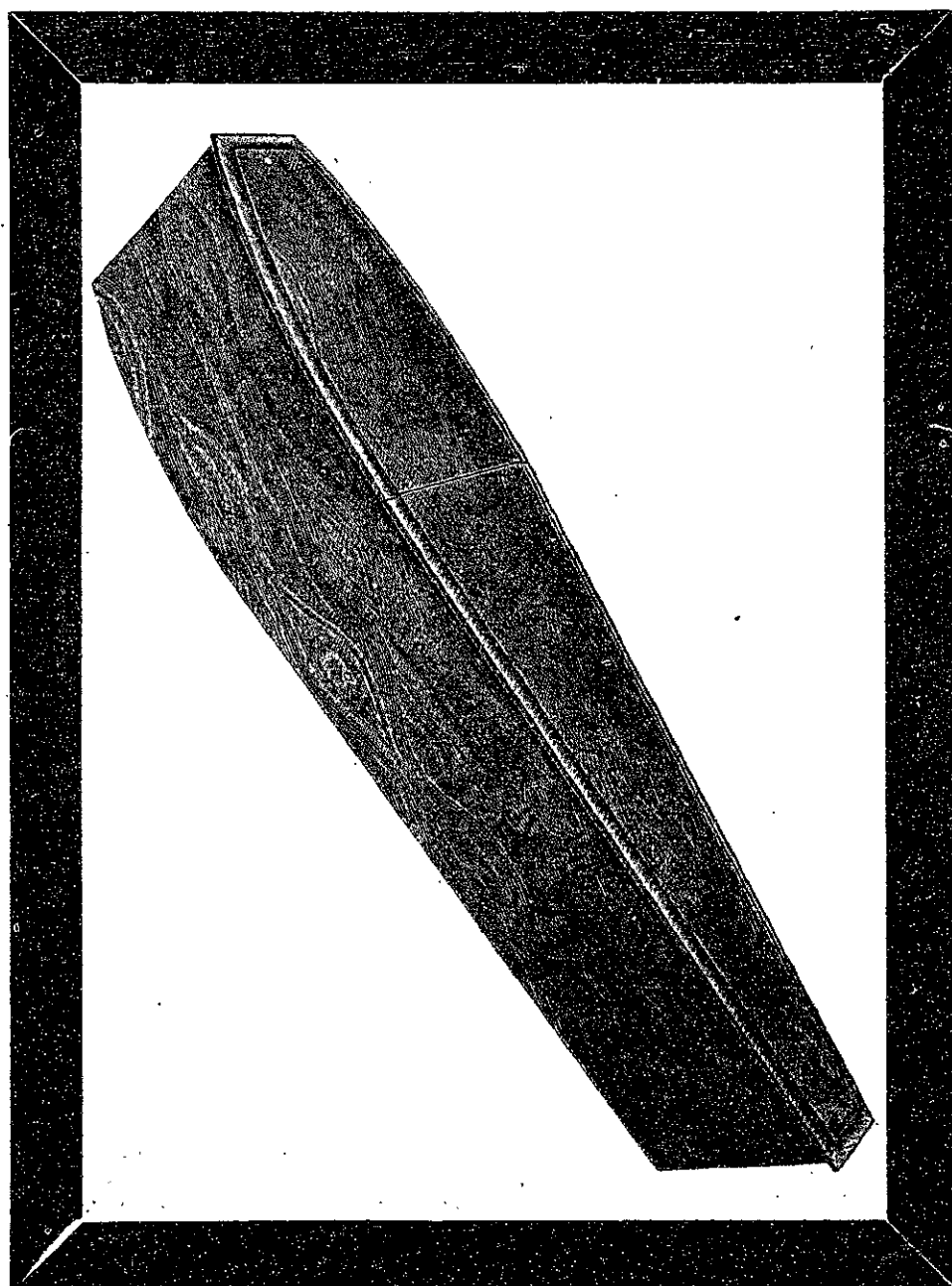


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M. I. T. HOOPSTERS FACE HARD SEASON

Cardinal and Gray Hockey Season Opens With Mass Meeting Today

Basketball Team Begins Practice In Preparation For Difficult Schedule

Facing the most difficult schedule that a Technology team has been up against, the basketball squad started practice last week with a turnout of approximately twenty-five men, including some some half dozen of last year's regulars. Among the six-footers remaining from Coach H. P. McCarthy's aggregation of lanky basket-shooters are Captain Estes, Brockleman, McClintock, and Allen, but the balance of the squad does not come up to the standard of height set by these men, and McCarthy is looking for more tall men.

Practices are held every afternoon in the Hangar Gym, and the squad is fast rounding into shape. No scrimmages have been held as yet, as the coach has been placing emphasis on basket-shooting, and expects to have the men in good condition within a short time, since the opening game with New Bedford comes on December 3. Following the opener, two good games will be offered to Institute supporters of the team, Brown playing here on the tenth, and Dartmouth on the sixteenth. Following the holidays, the schedule is resumed with Fitchburg Normal, which games will also be played in the Hangar, after which the team goes to Yale, on January 11. Union, Army, Harvard, and Tufts will be encountered away from home, while Wesleyan, Northeastern, Providence, New Hampshire, and Boston University will appear on the Hangar floor.

Brockleman and Allen, last year's regular forwards are practicing every day, and McClintock, regular center, will join the squad as soon as the cross-country season is over. Captain Estes is a logical choice for one of the guards, but his running mate, Captain Hinch of last year's team will not be back, and his place is still open. Reyniers seems a likely man for that position. Others who have shown up very well in early season work are Johnson and Nelson, the latter of whom was a transfer last year, but is now eligible.

A mass meeting was held last Monday afternoon for freshman basketballers and about thirty men showed up. The principal fault the coach had to find with the frosh that not enough tall men were present, and he hopes to remedy this trouble within a short time. A very good freshman schedule is being arranged, and it is hoped that, starting this week, there will be a squad of at least forty men reporting regularly. This year's frosh coach has not been announced yet.

There is no lack of parking space at Wesleyan University, nor is there any traffic congestion. But nevertheless the University has an automobile problem. The problem is the "I-do-no-choose-to-run" type of car, in spite of the fact that the total rolling stock of the University is only 15 cars and one motorcycle. However, the broken down "Cal" sort of car requires an infinite amount of time to keep it in running condition, which constitutes the only conflict between the faculty and the student automobile owners. One student lost his degree probably because of the time spent in repairing a car, which could better have been devoted to study.

SOCCER MEN PLAY INELIGIBLES TO PERFECT LINEUP

All Regulars Will Be Back In Positions By Time Of Harvard Game

NEW LINEUP BEING TRIED

Because of the poor showing that the soccer team made against Springfield last Saturday, an entirely new lineup is being developed for use against Harvard next Tuesday. In order to perfect the new combinations, Capt. Sparre intends to have a practice game with the ineligible Saturday afternoon. The ineligible know most of the men and will be very valuable in bringing out the weak points in the new lineup.

Practice has been slowed up considerably because of the prevailing cold weather, but everyone is out every day and most of the time is being spent in the development of new combinations in order to strengthen the team as a whole. By the Harvard game all the regulars will be back in the lineup and some of the weakest points in the lineup will be bolstered up by the return of the regulars.

So far this year, a number of different lineups have been tried out and none of them have met with any particular success. The game with Bradford Durfee was probably the best game of the year. In that game the passing was more or less regular and baffled the Durfee men. Since that time, in both the Clark and Springfield games the team didn't seem able to get started. The chief trouble seems to be in the co-operation between the various men, and there is entirely too much individual playing and not enough passing. Several times a pass would have been much better than taking the ball down the field personally. This fault applies particularly to the forwards although the defense also has lack of co-operation.

In all of the games the forwards go on the defensive whenever the ball gets into Technology territory, leaving no one in the opposing team's territory. Whenever the ball gets kicked into the opposing territory, all the fullbacks have to do is to kick it back into the Engineer's territory, again. If the forwards would stay in the opposing team's territory, the Cardinal and Gray would get many more goals than they have in the past.

As a whole, this year's team is much better than last year's team was, and they show signs of becoming pretty strong if they eliminate some of their outstanding faults and develop more teamwork instead of so much individual playing.



What a galaxy of stars will gather together next Monday for the New England Intercollegiate cross country championships! Never before in the history of this annual event have there been as many real possibilities for first place. Of the first ten men to finish last year, six will be entered again Monday.

Ordinarily those who finished in the first ten or fifteen one year would have an easy time of it the following year, but this season several dark horses have come to light who bid fair to carry off the honors. Among the latest possibilities are Hand and Kearns of Brown University who defeated Fitzpatrick of Holy Cross a week ago. Then there is Schappelle of Mass. Aggies who has been doing great work this year. Dring and Hammett of Rhode Island have more than helped to keep their team undefeated. Let us forget these men are only among the recently unearthed stars. What of the veterans McClintock of M. I. T., Johnson of Tufts, Cahalan of New Hampshire, Lockhart of Boston University and countless others?

Picking the team winner of the meet will be almost as easy choosing the individual. On paper, Maine appears the strongest team, holding victories over New Hampshire and Bates, but that New Hampshire aggregation is right now in the pink of condition and is an even choice to defeat Maine. Then there is the case of Rhode Island State, one of the tail enders last year, but this season an undefeated team. Quite similar to Rhode Island is Brown, woefully weak in 1926 but suddenly powerful in 1927.

SEXTET HAS LOST FOUR VETERANS OF LAST YEAR

After a year's rest, Technology hockey enthusiasts will once again take out their skates and journey to the ice ring at the Boston Arena. This afternoon at 5 o'clock the first step toward organizing this season's team will be made when candidates gather together in room 1-190 for the mass meeting. It is not yet certain if coach Bill Stewart will be present, but in any event Captain Ralph Crosby and Manager Paul Donahue will give a brief outline of the plans for the coming season.

In spite of the fact that there are only two first string veterans left from last year's squad, namely Crosby and Duplin, Cardinal and Gray fans are looking forward to a winning season. There is very good material from the ranks of last winter's substitutes and these players coupled with several promising members of the 1926-27 yearling outfit should help considerably in bolstering up the team.

It is not the offensive but rather the defensive positions that will weaken the Engineer sextet this season. On the forward line will be Crosby, Duplin, Fahey, and Meade. There will be no real veteran strength on the defense, however. Nock, a letter man on the 1925-26 squad, will be back this year and there is a possibility that he may be groomed for this position. Dave Lucy of last year's frosh also looms up as a leading candidate for the defense. The position of goal guard is vacant, through the loss of Bill Richards, and this place will be open for real competition.

No definite plans have been made as yet for games with the local teams such as Boston University, Boston College and Harvard, but a game with the latter on December 9 is pending. Matches with outside schools have already been made and include such aggregations as Yale, New Hampshire, West Point, Bates, Bowdoin, and Brown. The freshman schedule is being arranged and will contain several games away from home. Milton Academy, Newton, Melrose and Arlington will probably be opponents of the yearlings.

Last season the Engineer sextet were given the name of "The Merry Milkmen" because of their practice hours. Two mornings a week the members of the squad would report at the Boston Arena at 7 o'clock for practice, and this in spite of the fact that some fellows had to come in from outside towns. It is hoped to better the time of practice sessions this year, but with the Boston Bruins holding daily workouts it will be difficult to arrange at present.

After the individual and team winners have been figured out mathematically take into consideration the fact that cross country is the one of the most uncertain sports in the world, where a runner may break a record one day and be unable to finish his next race. It is little wonder that sports writers are so easily irritated these days.

EIGHT MEN LEFT IN TENNIS TOURNAMENT

After four weeks of play in the annual fall tennis tournament only eight players remain out of the original hundred odd. With winter coming on apace the men are making every effort to play their matches as soon as possible, and it is expected that the tournament will be finished within two weeks.

Upsets have marked the play in every round, so much so that now only two out of the eight original seeded players have survived. Alex Kononoff and Tom Wigglesworth are the two remaining seeded players, but they can be conceded no better chance of winning than the other contestants. In the upper half Jack Cleary, conqueror of Capt. Kuki, meets Tom Wigglesworth and H. T. Kim plays Isidore Winer. In the lower half, Kononoff has Frank McGuane for an opponent and Paul Doleman meets Victor Studley.

At McGill University the Montreal Light Aeroplane Club is to inaugurate a new course in aviation, which will include lectures and demonstrations under experienced instructors. After a thorough preliminary course in the theory of aeronautics, opportunity will be given qualified students to learn to fly. The machines and the bonuses for the pilots will be provided by the government. Students who want to fly will be able to do so for only \$5 an hour.

The library at Princeton is now kept open from 8 in the morning until midnight. No other college in the country offers its students such opportunity for library research.

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Intercollegiates

Students of the University of Oklahoma have asked for greater freedom of dates, and have voiced their protestations against an anti-automobile rule that is being enforced. They threaten to strike unless the University takes immediate action toward reforming these regulations.

According to H. M. Warren of the Save-a-Life League, agnosticism is the cause of most student suicides.

It has been estimated by a statistician in England that of all the prevalent types of womanhood the college co-ed is the least inclined toward marrying.

The first important debate of the season at McGill College this year is to have as its topic, "History is Bunk."

The dormitories of the University of New Hampshire have instituted a novel contest, which, contrary to the usual college contest, is not athletic but scholastic. At the end of the fall term the scholastic average of the students in the various dormitories will be computed and the dormitory having the highest average will be given a dance by the losing dormitories.

A moustache contest was held at the University of Arkansas, a subscription to the *Arkansas Traveler* being given to the student who grew the longest moustache within a month.

CORPORATION XV HEARS LAWRENCE

John S. Lawrence, President of
New England Council,
Speaks on Industry

John S. Lawrence, president of the New England Council, was the principal speaker at a dinner held by Corporation XV in the Grill Room of Walker last night. Mr. William Filene, who was announced sometime ago as the speaker of the evening, was unfortunately taken ill and so was unable to speak, but the corporation was able to procure Mr. Lawrence in his stead.

Mr. Lawrence's topic was, "A Young Man's Opportunity in Industrial Maturity," in which he touched upon the decline of an industry that was run by traditional methods instead of by new ones. He also spoke of the New England Council, telling what it has accomplished in the two years of its existence, and what it proposed to do in order to remedy the declining New England industries, showing what opportunities an engineer has in executive positions.

About 50 members of the corporation were present at the dinner, including practically the entire instructing staff of the Economics Department. Following Mr. Lawrence's address, an open forum was held, at which matters of interest to those present were discussed. Professor Dewey, head of the Department of Engineering Administration, gave a short talk.

Intercollegiates

In an experiment in dishonesty conducted at the University of Ohio it was found that 63 percent of a class cheated in one form or another during a given examination. Success in the student's class work seemed to be a function of their honesty. None of the A students cheated at all. Thirty-three per cent of the grade B students cheated; 80 per cent of the C students; and 75 per cent of those who were close to the scholastic border line.

Ohio University has a class in advertising which consists of only five men. They are organized into a complete advertising agency, with copy-writers, layout men, artists, and every one else necessary to conduct a real campaign. Besides this each man has charge of the advertising of one particular business in Athens, the town in which the university is located.

According to Dr. W. R. Atkinson of the Department of Psychology of Southwestern College, the average freshman is as intelligent as the average U. S. Army Major. Two years ago, according to Dr. Atkinson, the freshmen ranked only with the lowly sergeant. One wonders whether the general intelligence of the army has lowered, and just how intelligent an army major is.

Cambridge-Dorchester Subway Line Extension Is Triumph of Tech Men

Over 40 per cent of Engineers
On Transit Staff Were
Institute Men

"Technology Built" is the stamp of approval that can be applied to the new Dorchester Tunnel Extension, which opened to public travel as far as Fields Corner last Saturday. Fifteen men, or over 40 percent of the engineering staff of the Boston Transit Commission, including the Chief Engineer, are Technology trained men. These men, led by Ernest R. Springer '98, have been engaged for the past three years in constructing a rapid transit line which is famous because of the remarkably low expense incurred.

While the usual type of subway construction averages \$10,000,000 per mile, this extension has been built at an average cost of \$2,000,000 per mile, by means of clever thinking on the part of the engineering staff of the Transit Department. This was accomplished by purchasing a suburban railroad branch and converting it into rapid transit service by removing five grade crossings, and building the necessary stations and terminals. Since a part of the line operates on the surface parallel to the main line of the railroad, the cost is self-evidently less than the usual subway.

Met Many Obstacles

However, it must not be supposed that it was all plain sailing. There was more to the project than just putting a third rail on the branch line tracks and then running subway trains direct from Harvard Square. In fact, the old tracks on the railroad were taken up when the city came into possession of the right-of-way. Before service could begin on this line, it was necessary to dig a tunnel under four of the busiest railroad tracks in the country while the trains were operating on a full schedule. It was also necessary to move another portion of these same tracks sideways for about 30 feet, and still maintain full service. To do this required the excavation of one side of Savin Hill, and the rebuilding of an entire street and bridge. Then there was the perplexing problem of picking up an entire freight yard and moving it sideways for about 50 feet, to provide a right-of-way for the subway trains. This was accomplished by filling in some marsh land and building an underpass for the freight trains, at the same time not interfering with the movement of freight. All the old wooden stations on the line were removed and replaced with structures of concrete and steel, while a huge transfer terminal was constructed at Fields Corner to accommodate patrons who use street cars to reach outlying points.

Although the extension is now open to travel to Fields Corner, about 2½ miles beyond Andrew Square, and about 8½ miles from Harvard Square, it is not yet complete, by any means. About 1½ miles of third-rail line and another large terminal transfer station must yet be completed. Work on this is being rushed, as well as work on extensive storage yard and repair shop facilities. In addition to this work, about three miles of high-speed trolley line must also be constructed beyond the terminal of the third-rail trains in Ashmont. These trolleys will continue to Mattapan Square, at the southern city limits. Upon completion of the project, it will be possible to travel from Harvard Square, Cambridge, through the Cambridge Subway, Dorchester Tunnel, and the extension, to Ashmont, a distance of ten miles, without change, and then continue to Mattapan, 13 miles from the start, with a saving of time that is truly remarkable.

Up to the present time, it has been

found necessary to excavate 206,100 cubic yards of earth, and 26,600 cubic yards of rock, while 44,900 cubic yards of concrete have been placed. In eliminating five grade crossings, it was found desirable to cover the sunken right-of-way with a concrete roof, to prevent delays due to snow, which would occur if the cut were left open. The roof of this portion of the subway is now being used by the residents of the district as a promenade and also for tennis courts. No traffic is allowed in this area.

Tech Men Prominent on Job

Fifteen of the men on the engineering staff are Tech men. Ernest K. Springer, the Chief Engineer, was a member of the Class of 1898, but went off to the Spanish-American War without waiting for his degree. Following this one-sided struggle he returned and was engaged on the building of the Elevated structure in Boston in 1899. He then went into bridge building, in various parts of the country. He returned to Boston and put through the Cambridge Subway during the years 1909 and 1912. Following the completion of this line in 1913, he was connected with the Transit Department of the city, and was made Chief Engineer in 1920.

Louis K. Rourke '95 was one of the commissioners of the department from commencement of the Dorchester project until about a year ago, when he was appointed Building Commissioner of the city.

Wilber W. Davis '99, the Assistant Chief Engineer of the department, was resident engineer in charge of this latest addition to the rapid transit facilities of the city, while William W. Lewis '89 was the engineer in charge of Section 1, which extended from a point near Dorchester Avenue to Harrison Square, in the Dorchester district.

Other Institute men who were engaged in putting through this engineering project are as follows, in the order of their graduation: Benjamin A. Loveland '97, Edward Olin '97, Harry F. Sawtelle '97, James D. Burns '00, Herbert R. Stearns '00, Robert K. Taylor '07, who is now in Philadelphia, Joseph W. Parker '09, who has since left the department, Louis J. Harrigan '11, Arthur W. Vose '13, and Thomas A. Berrigan '16.

Mr. Thomas F. Sullivan, Chairman of the Transit Department, in a letter to a representative of THE TECH, stated: "I think there are more M. I. T. men in this department than in any public board in New England."

Class room work at Harvard has been cut this year from 29 to 23 weeks, the student is expected to devote the extra six weeks to individual study and research.

NOTICES

TECH SHOW

There will be a meeting of the Tech Show Music and Lyric Writers in the East Lounge of Walker tonight at 7:30 o'clock.

M. I. T. A. A.

Will the following men please call for their Varsity shingles at the office: "T"—C. B. Meagher, P. H. Kirwin, R. A. Jack, J. A. McCarthy, M. H. Fay, J. S. Wiebe.

"Tt"—T. Kuki, M. Davier, We-tuh Kwauk, D. F. Collier.

gTt—C. W. Newhall, W. B. Moore, G. V. Patrick.

aTa—C. B. Meagher, M. H. Fay, P. H. Kirwin, R. A. Jack, J. A. McCarthy, R. C. Austin, C. E. Worthen, Jr., N. W. Mitchell, N. L. McClintock, N. E. Earle, J. S. Wiebe.

SWIMMING TEAM

Will candidates for the Varsity Swimming Team please report at the pool at the University Club on Monday, Wednesday and Friday at 5 o'clock in the afternoon.

FRESHMAN SWIMMING

The following freshmen were absent from practice on Monday and have received one cut which must be made up in the gym:

M. DeW. Allen, L. T. Amirian, G. B. Ayres, G. Carter, H. G. Fischer, C. H. Hamblet D. A. Robb, W. R. Toole, H. J. Truax, W. A. Warrick, S. Woodruff.

Until further notice, freshman swimming practice will be held at the University Club on Monday, Wednesday and Friday at 7 o'clock in the evening.

FRESHMAN TUG OF WAR PICTURE

Members of the freshman tug of war team should be at the Warren Kay Studio at 304 Boylston street, Boston, at 4:30 o'clock Thursday afternoon to have their group picture taken for Technique.

NAVAL ARCHITECTURAL SOCIETY

On Wednesday, Nov. 27, at 5 o'clock, the Naval Architectural Society will hold a meeting in room 5-226. All members are urged to be present at this meeting.

Noted Chemical Experts Address Meeting Friday

Abrasives and Synthetic Drugs
Will be Told of at Open
Session of A. C. S.

Two noted members of the chemical profession have been secured to speak at the monthly meeting of the Northeastern section of the American Chemical Society Friday evening. This meeting will open at 8 o'clock in the Main Hall, Walker, and as usual will be open to the public.

Dr. T. E. Volwiler, Chief Chemist of the Abbott Laboratories of Chicago, will give a talk on "Some Chemical-Pharmaceutical Researches." Dr. Volwiler is known for his part in the discovery of local anaesthetics such as butyn and butesin, hypnotics such as Neonal and the development and manufacture of other synthetic medicinals.

The second speaker is Mr. M. O. Lamar, of the Norton Company, Worcester, Mass., will give an illustrated lecture on "The Importance of Abrasives in Modern Life." He will put on a motion picture showing the manufacture and applications of various types of abrasives, which vary in form from the small burr used by the dentist to the enormous emery wheels used in the automotive industry.

The usual dinner preceding the meeting will be held in the Faculty Dining Room, Walker, at 6:30, when Professor Lyman C. Newell of Boston University will speak on "Interesting Chemical Experiences of My Sabbatical Year." Reservations for this dinner should be in the hands of the Secretary, Dr. Avery A. Morton, at Room 8-437, before this evening.

While freshmen at Evansville College, Washington, were taking an intelligence test, the phone rang and a voice asked, "Have they got through testing those concrete blocks yet?" It turned out the caller wanted the engineering department.

Evidently the students of Queens University believe in advertising their Alma Mater; at least, that is the conclusion that one would be apt to derive after seeing the divers blue marks adorning the Kingston street cars. It seems that a group of enthusiastic college men stealthily entered the car barn one dark night and dexterously painted large blue letters on the trolleys.



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"Nunc est bibendum, nunc pede
libero Pulsanda tellus."—HORACE

GENTLEMEN: This is Latin. Latin is an Ancient Language. It is no longer studied in colleges. You are not expected to know what this quotation means.

Literal Translation—Strike up the band! Now is the time to drink. Now is the time to shake a mean pair of dogs.

Free Translation—When, in the course of human events, it becomes necessary for two or more undergraduates to gather together in friendly communion, there is only one drink, Gentlemen, for the occasion—"Canada Dry," The Champagne of Ginger Ales.

Reasons—"Canada Dry" has a delightful flavor because it is made from pure Jamaica ginger. "Canada Dry" has no false bite, no unpleasant after-taste and is really good for you because it contains no capsicum (red pepper). And, Gentlemen, it mixes well with other beverages. Class dismissed!

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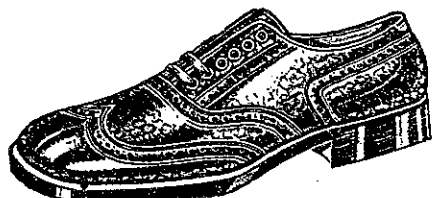
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